

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	@ay<"2001" and shampoo and (colloid\$4 with (stabliz\$5 or stabilis\$5)) and (PVP and PVA\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:39
S2	0	shampoo and (colloid\$4 with (stabliz\$5 or stabilis\$5)) and (PVP and PVA\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:39
S3	0	shampoo and (colloid\$4 with (stabliz\$5 or stabilis\$5)) and (PVP and PVA\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:40
S4	0	shampoo and (colloid\$4 with (stabliz\$5 or stabilis\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:40
S5	54092	shampoo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:40
S6	5	(colloid\$4 with (stabliz\$5 or stabilis\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:40
S7	2	shampoo and (particle with (stabliz\$5 or stabilis\$5)) and (PVP and PVA\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:41
S8	2	shampoo and (particle with (stabliz\$5	US-PGPUB;	OR	ON	2011/08/13

		or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			18:43
S9	2	shampoo and ((particle or colloid or colloidal or collodial) same (stabiliz\$5 or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:44
S10	2	(hair\$2care or shampoo) and ((particle or colloid or colloidal or collodial) same (stabiliz\$5 or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:44
S11	8	(hair\$2care or shampoo) and ((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:44
S12	0	(hair\$2care or shampoo) and ((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:45
S13	8	(hair\$2care or shampoo) and ((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 18:45
S14	218	((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 18:47
S15	14	((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and ((PVP or polyvinylpyrrolidone) with (polyvinylacetate or PVA\$1))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:47
S16	29	((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:51
S17	0	((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:52

		and (shampoo or haircare or (hair adj6 care) or (personal adj6 care))				
S18	44	((particle or colloid or colloidal or collodial) same5 (stabiliz\$5 or stabilis\$5)) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) and (shampoo or haircare or (hair adj6 care) or (personal adj6 care))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 18:52
S19	1079	((particle or colloid or colloidal or collodial) ) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) and (shampoo or haircare or (hair adj6 care) or (personal adj6 care))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 18:55
S20	21	((particle or colloid or colloidal or collodial) ) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) and (shampoo or haircare or (hair adj6 care) or (personal adj6 care))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 18:56
S21	3	((particle or colloid or colloidal or collodial) with protect\$5 ) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) and (shampoo or haircare or (hair adj6 care) or (personal adj6 care))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:11
S22	73	((particle or colloid or colloidal or collodial) with protect\$5 ) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:15
S23	2250	((particle or colloid or colloidal or collodial) with protect\$5 ) and (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:15
S24	1789869	marker identifier flag indicator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:15
S25	274	S23 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:15
S26	1	S23 and S24	FPRS; EPO; JPO;	OR	ON	2011/08/13 19:16

			DERWENT; IBM_TDB			
S27	60	S23 and S24 and @ay< "2002"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:17
S28	57	S23 and S24 and hair	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:18
S29	31	contaminate same5 (((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:20
S30	13843	(((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) same5 (particle or colloid or colloid\$4 or particul\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:21
S31	15327	(((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) same5 (particle or colloid or colloid\$4 or particul\$4 or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:22
S32	2202	(((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) with (particle or colloid or colloid\$4 or particul\$4 or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:22
S33	111251	(((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) with copolymer or co\$2polymer) with (particle or colloid or colloid\$4 or particul\$4 or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:22
S34	1228	(((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) with (copolymer or co\$2polymer)) with (particle or colloid or colloid\$4 or particul\$4 or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:22
S35	274	(((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate)))) with (copolymer or co\$2polymer)) with (particle or colloid or colloid\$4 or particul\$4 or powder) and (shampoo or hair or personal or care)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:23
S36	10	(((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with	FPRS; EPO; JPO;	OR	ON	2011/08/13 19:23

		(polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))) with (copolymer or co\$2polymer)) with (particle or colloid or colloid\$4 or particul\$4 or powder) and (shampoo or hair or personal or care)	DERWENT; IBM_TDB			
S37	1	"5426163"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:33
S38	15	"5426163"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/13 19:33
S39	23	("3244658"   "3691125"   "4053696"   "4167439"   "4182851"   "4520179"   "4906701"   "5077040"   "5122582").PN. OR ("5426163").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:34
S40	2	S39 and shampoo	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:34
S41	7	S39 and hair	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:35
S42	4554	((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))) same5 (particle or colloid or colloid\$4 or particul\$4 or powder)) and (shampoo or hair or personal or care)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:37
S43	487	((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) with (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder)) and (shampoo or hair or personal or care)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:37
S44	650	((PVP or polyvinylpyrrolidone or (polyvinyl adj6 pyrrolidone)) and (polyvinylacetate or PVA\$1 or (polyvinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder)) and (shampoo or hair or personal or care)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:38
S45	1543	((PVP or \$4vinylpyrrolidone or (\$4vinyl adj6 pyrrolidone)) and (\$4vinylacetate or PVA\$1 or (\$4vinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder)) and (shampoo or hair or personal or care)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:38
S46	1254	((PVP or \$4vinylpyrrolidone or (\$4vinyl adj6 pyrrolidone)) and (\$4vinylacetate or PVA\$1 or (\$4vinyl adj6 acetate))) with (particle or	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:39

		colloid or colloid\$4 or particul\$4 or powder)) and (shampoo or hair or personal or care) and co\$1polymer				
S47	279	((((PVP or \$4vinylpyrrolidone or (\$4vinyl adj6 pyrrolidone)) and (\$4vinylacetate or PVA\$1 or (\$4vinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder)) and (shampoo ) and co\$1polymer and ("% " or percent)	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/13 19:39
S48	0	((((PVP or \$4vinylpyrrolidone or (\$4vinyl adj6 pyrrolidone)) and (\$4vinylacetate or PVA\$1 or (\$4vinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder)) and (shampoo ) and co\$1polymer and ("% " or percent)	USOCR	OR	ON	2011/08/13 19:41
S49	90	((((PVP or \$4vinylpyrrolidone or (\$4vinyl adj6 pyrrolidone)) and (\$4vinylacetate or PVA\$1 or (\$4vinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder)) and (shampoo ) and co\$1polymer and ("% " or percent)	USPAT	OR	ON	2011/08/13 19:42
S50	16	((((PVP or \$4vinylpyrrolidone or (\$4vinyl adj6 pyrrolidone)) and (\$4vinylacetate or PVA\$1 or (\$4vinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder) with co\$1polymer) and (shampoo ) and ("% " or percent)	USPAT	OR	ON	2011/08/13 19:44
S51	708	512/1.ccls. or 512/2.ccls. or 524/70.1.ccls. or 524/70.11.ccls. or 524/70.15.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2012/03/15 12:20
S52	50	((((PVP or \$4vinylpyrrolidone or (\$4vinyl adj6 pyrrolidone)) and (\$4vinylacetate or PVA\$1 or (\$4vinyl adj6 acetate))) with (particle or colloid or colloid\$4 or particul\$4 or powder) with co\$1polymer) and (shampoo ) and ("% " or percent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/15 12:20
S53	0	S51 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/15 12:20

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